

# SYNTHESIS DESIGN TOOL

THAT FACILITATES  
INNOVATION



**IC SYNTH** is a powerful computer-aided synthesis design (CASD) software that uses a transform-based approach to generate synthesis pathways for target molecules, even if the target molecules are novel and/or

unpublished. Advanced cheminformatics algorithm performs retrosynthetic analysis generating many possible synthetic routes from commercially available starting materials. **IC SYNTH** facilitates innovation by helping to generate new ideas, leading to improved route design such as shorter pathways and more economical reaction modifications.

## FEATURES SUMMARY

- Suggestions based on real (or analogous) reactions
- Extensive sources of chemistry limited only by licensed access to some reaction databases
- Automatic transform generation from reaction databases
- Multistep synthesis trees
- Availability check of precursors in catalogues
- Link to literature/database for the verification of suggested synthesis reactions
- Integrated system with structure and reaction database searching for literature, catalogues and patents